



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/603,502
		Filing Date	June 24, 2003
		First Named Inventor	Quake, Stephen R.
		Art Unit	2873
		Examiner Name	Unassigned- E. LESTER
Sheet 1	of 2	Attorney Docket Number	20174C-001011US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	A1	US-4,155,982	05-22-1979	Mohn et al.	
	A2	US-5,121,256	06-09-1992	Corle et al.	
	A3	US-5,171,995	12-15-1992	Gast et al.	
	A4	US-5,729,393	03-17-1998	Lee et al.	
	A5	US-5,784,613	06-09-1998	Yamamoto et al.	
	A6	US-5,776,191	07-07-1998	Mazzocco	
	A7	US-5,939,709	08-17-1999	Ghislain et al.	
	A8	US-6,181,478 B1	01-30-2001	Mandella.	
	A9	US-6,236,513 B1	05-22-2001	Mallory	
	A10	US-6,270,696	08-07-2001	Jain et al.	
	A11	US-6,277,545 B1	08-21-2001	Iida et al.	
	A12	US-6,298,026 B1	10-02-2001	Suzuki et al.	
	A13	US-6,301,055	10-09-2001	Legrand et al.	
	A14	US-6,307,689 B1	10-23-2001	Ichimura et al.	
	A15	US-6,369,957 B1	04-09-2002	Ishida 359/719.	
	A16	US-6,560,030	05-06-2003	Legrand et al.	
	A17	US-6,608,726	08-19-2003	Legrand et al.	
	A18	US-6,614,598	09-02-2003	Quake et al.	
	A19				
	A20				

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	B1	EPO	EP 0 362 993	A2	04-11-1990			<input type="checkbox"/>
	B2	JP	8-001810	A	01-09-1996			<input checked="" type="checkbox"/>
	B3	JP	11 197587	A	07-27-1999			<input checked="" type="checkbox"/>
	B4	JP	2000-89004	A	03-31-2000			<input checked="" type="checkbox"/>
	B5	PCT	WO 98/19654	A1	05-14-1998			<input type="checkbox"/>
	B6							<input type="checkbox"/>
	B7							<input type="checkbox"/>
	B8							<input type="checkbox"/>

Examiner Signature		Date Considered	9-6-05
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Substitute for form 1449B/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/603,502		
		Filing Date	June 24, 2003		
		First Named Inventor	Quake, Stephen R.		
		Art Unit	2873		
		Examiner Name	Unassigned E. LESTER		
Sheet	2	of	2	Attorney Docket Number	20174C-001011US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EL	C1	Berg, Howard C. "Dynamic properties of bacterial flagellar motors", Nature, vol. 248, May 3, 1974.	
EL	C2	Berry, Richard M. et al. "Absence of a barrier to backwards rotation of the bacterial flagellar motor demonstrated with optical tweezers", Proc. Natl. Acad. Sci. USA, vol. 94, pp. 14433-14437, (Dec. 1997)	
EL	C3	Elson, Elliot L. "Fluorescence Correlation Spectroscopy and Photobleaching Recovery", Ann. Rev. Phys. Chem. (1985) 36:379-406	
EL	C4	FINER, JEFFREY T. et al. "Single myosin molecule mechanics: piconewton forces and nanometre steps." Nature, Vol. 368, Mar. 10, 1994, pp. 113-119.	
EL	C5	Kinosita, Kazuhiko Jr. et al. "F.sub.1 -ATPase: A rotary motor made of a single molecule", Cell, vol. 93, pp. 21-24, Apr. 3, 1998	
EL	C6	MERVIS, J. et al. "Aligning and attaching a lens to an optical fiber using light pressure force", Optics Letters, vol. 18, No. 5, Mar. 1, 1993, p. 325	
EL	C7	Miguez, H. et al. "Photonic crystal properties of packed submicrometric SiO <sub>2</sub> spheres", American Institute of Physics (1997), 3 pages.	
EL	C8	PERKINS, THOMAS T. "Relaxation of a single DNA molecule observed by optical microscopy" Science, vol. 264, May 6, 1994.	
EL	C9	Shingyoji, Chikako et al. "Dynein arms are oscillating force generators", Nature, vol. 393, Jun. 18, 1998.	
EL	C10	Silverman, Michal et al. "Flagellar rotation and the mechanism of bacterial motility", Nature vol. 249, May 3, (1974).	
EL	C11	Smith, Stephen P. et al. "Inexpensive optical tweezers for undergraduate laboratories", Am. J. Phys. 67 (1), Jan. 1999, pp. 26-35	
EL	C12	SVOBODA, KAREL et al. "Direct observation of kinesin stepping by optical trapping interferometry", Nature, vol. 365, Oct. 21, 1993.	
	C13		

Examiner Signature	<i>E. Lester</i>	Date Considered	9-6-05
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